

Title (en)

ZEOLITE CONTAINING WASH COATS FOR ADSORBER HEAT EXCHANGERS AND TEMPERATURE CONTROLLED ADSORBERS

Title (de)

ZEOLITH MIT WASCHBESCHICHTUNGEN FÜR ADSORPTIONS-WÄRMETAUSCHER UND TEMPERATURGESTEUERTE ADSORBER

Title (fr)

ZÉOLITHE CONTENANT DES REVÊTEMENTS D'ENDUIT POUR ÉCHANGEURS THERMIQUES D'ADSORBEURS ET ADSORBEURS À RÉGULATION DE TEMPÉRATURE

Publication

EP 2585547 A2 20130501 (EN)

Application

EP 11798839 A 20110622

Priority

- US 201113160181 A 20110614
- US 35844810 P 20100625
- US 2011041442 W 20110622

Abstract (en)

[origin: US2011319673A1] The present invention provides a process for applying a coating on a heat exchanger or a temperature controlled adsorber surface. This coating comprises a zeolite, an organic solvent, an organic siloxane resin that constitutes a binder and a plasticizing agent.

IPC 8 full level

C09D 183/04 (2006.01); **B01D 53/28** (2006.01); **B01J 20/28** (2006.01); **B01J 20/32** (2006.01); **B05D 3/00** (2006.01); **C09D 5/00** (2006.01); **C09D 7/61** (2018.01)

CPC (source: EP KR US)

B01D 53/261 (2013.01 - EP US); **B01D 53/28** (2013.01 - EP US); **B01J 20/2803** (2013.01 - EP US); **B01J 20/3223** (2013.01 - EP US); **B01J 20/3238** (2013.01 - EP US); **B05D 3/00** (2013.01 - KR); **C07C 29/76** (2013.01 - EP US); **C09D 5/00** (2013.01 - KR); **C09D 7/61** (2017.12 - EP US); **C09D 7/70** (2017.12 - EP); **C09D 183/04** (2013.01 - KR); **C23C 18/1212** (2013.01 - EP US); **C23C 18/122** (2013.01 - EP US); **C23C 18/1225** (2013.01 - EP US); **C23C 18/1295** (2013.01 - EP US); **B01D 2253/108** (2013.01 - EP US); **B01D 2253/25** (2013.01 - EP US); **B01D 2257/80** (2013.01 - EP US); **C08K 3/34** (2013.01 - EP); **F25B 37/00** (2013.01 - EP US); **Y10T 428/26** (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2011319673 A1 20111229; **US 8323747 B2 20121204**; CN 102959023 A 20130306; EP 2585547 A2 20130501; EP 2585547 A4 20140101; JP 2013537474 A 20131003; JP 5744193 B2 20150701; KR 101454099 B1 20141022; KR 20130020691 A 20130227; WO 2011163354 A2 20111229; WO 2011163354 A3 20120412; WO 2011163354 A8 20120920

DOCDB simple family (application)

US 201113160181 A 20110614; CN 201180028930 A 20110622; EP 11798839 A 20110622; JP 2013516729 A 20110622; KR 20127032780 A 20110622; US 2011041442 W 20110622